



Ernest Orlando Lawrence  
Berkeley National Laboratory  
Berkeley, CA 94720

Operations • Facilities Division

## Building 6 Southside Expansion

### PROJECT REPORT June, 2003

SPONSOR: Advanced Light Source

PROJECT NO.: FX2024

BUDGET: \$1,175,000

COMPLETION: May 2003

DESCRIPTION: This project will construct a hallway and lobby addition at the South side of Building 6, to allow expansion of Beam Line #12. Work includes removal of an elevator, relocation of site utilities, building demolition and improvements to HVAC, controls, fire sprinkler, electrical and fire alarm systems.

STATUS: Beneficial occupancy taken June 20, 2003.

Project Phase	Planned % Complete	Actual % Complete
Design	100%	100%
Construction	100%	98%

**PROJECT TITLE** Bldg. 6 Design ALS Southside Expansion

Bldg:	> 6	Architect:	> J. Musante	PM:	> D. Galvez
Project No:	> FX2024	Civil Engr:	> R. Shilling	PA	> S. Morgan
Account No	> FX2024	Mech Engr:	> M. Dong	Client:	> J. Harkins
Fund Type:	> Construction (Program)	Elect Engr:	> L. Domansky	Report Period	> 06-03
Status:	> IC	IHEM Engr:	>	NEPA/SARS	> F/F
Year Funded:	> 2002				

**A. ASSESSMENT:****1. Major Accomplishments:**

Beneficial Occupancy 6-20-03.

**2. Developments Affecting Cost Estimate & Schedule:**

1. New storm drain line conflicts with existing unforeseen water line located during potholing, need to install new catch basin.
2. Tracing fire alarm conduits to relocated panel, relocation of unforeseen additional conduit required. Additional conduit/wiring for card reader/door security system.
3. ED&I and PM costs increased to resolve unforeseen utilities issues.

**3. Brief Assessment of Overall Project:**

1. Review costs with ALS. Additional funding required to complete project due to items noted above.
2. Performance Objective Milestone #18 completed.

**4. Environmental/Safety Documentation:**

NEPA Approval 10/03/01  
 CEQA Approval 10/03/01  
 SARS Approval 01/10/01

B. WORK PERFORMED:		Physical Progress (%)				
WBS	Description	Plan				Actual
1.	ED&I Title I	100%				100%
	Title II	100%				100%
	Title III	100%				98%
2.	Construction	100%				98%

C. PROJECT SCHEDULE:		Day (Mo/Yr)				
WBS	Description	Plan		Forecast		Actual
Ø.	<b>Project Authorization</b>					
1.	Engr'g, Design & Inspection					
	Title I Authorization	10-01				10-01
	Title I Start	10-01				10-01
	NEPA Approval	09-97				10-01
	SARS Approval	09-97				10-01
	• <b>Title I Completion</b>	<b>01-02</b>				<b>01-02</b>
	Title II Authorization	01-02				<b>01-02</b>
	Title II Start	01-02				<b>01-02</b>
	Release For Bid	05-02				06-02
	Receive Bids	06-02				07-02
	• <b>Title II Completion</b>	<b>06-02</b>				<b>07-02</b>
	Title III Authorization	06-02				08-02
	Title III Start	06-02				08-02
2.	Construction					
	Subcontract Award	06-02				08-02
	Construction Start	06-02				08-02
	"As-Built" Drawings	05-03		08-03		
	• <b>Construction Completion</b>	02-03				<b>06-03</b>
	Title III Completion	02-03		08-03		
	Final Report/Close-Out	08-03		08-03		

D. COST REPORT:		Amount (\$K)						
WBS		Est. to Compl. A	Cost to Date B	Liens  C	Total Est. Cost D=A+B	Appvd. Budget E	Cost Plan F	Percent Compl G
1.	Engr'g, Design & Insp.	14	348	0	362	341	362	96%
1.1	LBL Activities	0	135	0	135	119	135	100%
1.1.1	Title I	0	14		14	13	14	100%
1.1.2	Title II	0	56		56	56	56	100%
1.1.3	Title III	0	28		28	22	28	100%
1.1.4	Inspector	0	30		30	22	30	100%
1.1.5	Consultants	0	7		7	6	7	100%
1.1.6	Estimating	0			0	0	0	
1.2	A/E	14	213	0	227	222	227	94%
1.2.1	Title I	0	48	0	48	48	48	100%
1.2.2	Title II	0	154		154	154	154	100%
1.2.3	Title III	14	11	0	25	20	25	44%
2.	Construction	54	686	83	740	715	740	93%
2.1	Cons. Subcontract	45	573	83	618	618	618	93%
2.2	Procurement Burden	8	22		30	30	30	
2.3	In-House Support	1	91		92	67	92	
2.3.1	Supt	1	33		34	34	34	
2.3.2	Estimating	0	20		20	8	20	
2.3.3	Crafts	0	38		38	25	38	
3.	Standard Equipment	0			0	0	0	0%
4.	Project Mgmt.	0	85		85	74	85	100%
4.1	PM	0	60		60	54	60	
4.2	PA	0	25		25	20	25	
	Subtotal	68	1,119	83	1,187	1,130	1,187	94%
5.	Contingency	23			23	45	23	0%
	Total (\$K)	91	1,119	83	1,210	1,175	1,210	92%
	Change Since Last Report	17	18	0	0	0	0	

		DOE/HQ Obligations to Date:	>	\$1,202	
		Cost to Date:	>	\$1,119	
Percent Spent (B/D) =	>	92%	Outstanding Liens to Date:	>	\$83
Total Obligation (B+C) =	>	1202	Forecast End of FY Unobligated Balance:	>	\$
DOE/OAK Authorization to date =	>		Forecast End of FY Uncosted Balance:	>	\$

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